

Title (en)
Electromagnetic wave absorber

Title (de)
Absorber für electromagnetsiche Wellen

Title (fr)
Absorbeur d'ondes électromagnétiques

Publication
EP 0875957 B1 20050601 (EN)

Application
EP 98107787 A 19980429

Priority
JP 11398797 A 19970501

Abstract (en)
[origin: EP0875957A2] An electromagnetic wave absorber which is suitable for cellular phones, portable communication terminals and other portable electronic apparatus. The electromagnetic wave absorber is provided with a thin absorbing substrate formed of an electromagnetic wave absorbing material having a thickness of 0.01 mm to 1.0mm. Such a thin absorbing substrate is realized by making adjustment holes in the absorbing substrate and increasing a value of apparent magnetic permeability. Specifically, even in the absorbing substrate as thin as 0.8mm, by making multiple adjustment holes, electromagnetic waves can be absorbed in a frequency ranging from 1.5 to 2.2GHz. <IMAGE>

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H01Q 17/00

IPC 8 full level
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CPC (source: EP US)
H01Q 17/00 (2013.01 - EP US); **H01Q 17/004** (2013.01 - EP US); **H01Q 17/007** (2013.01 - EP US)

Cited by
FR3018638A1; CN102754279A; US9236661B2; WO2015136121A1

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EP 0875957 A2 19981104; EP 0875957 A3 19990428; EP 0875957 B1 20050601; DE 69830360 D1 20050707; DE 69830360 T2 20051027; US 6057796 A 20000502

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EP 98107787 A 19980429; DE 69830360 T 19980429; US 7059198 A 19980430